

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037225.D
 Acq On : 24 Aug 2023 18:43
 Operator : JC/MD
 Sample : 04051-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20230816

Quant Time: Aug 24 23:40:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

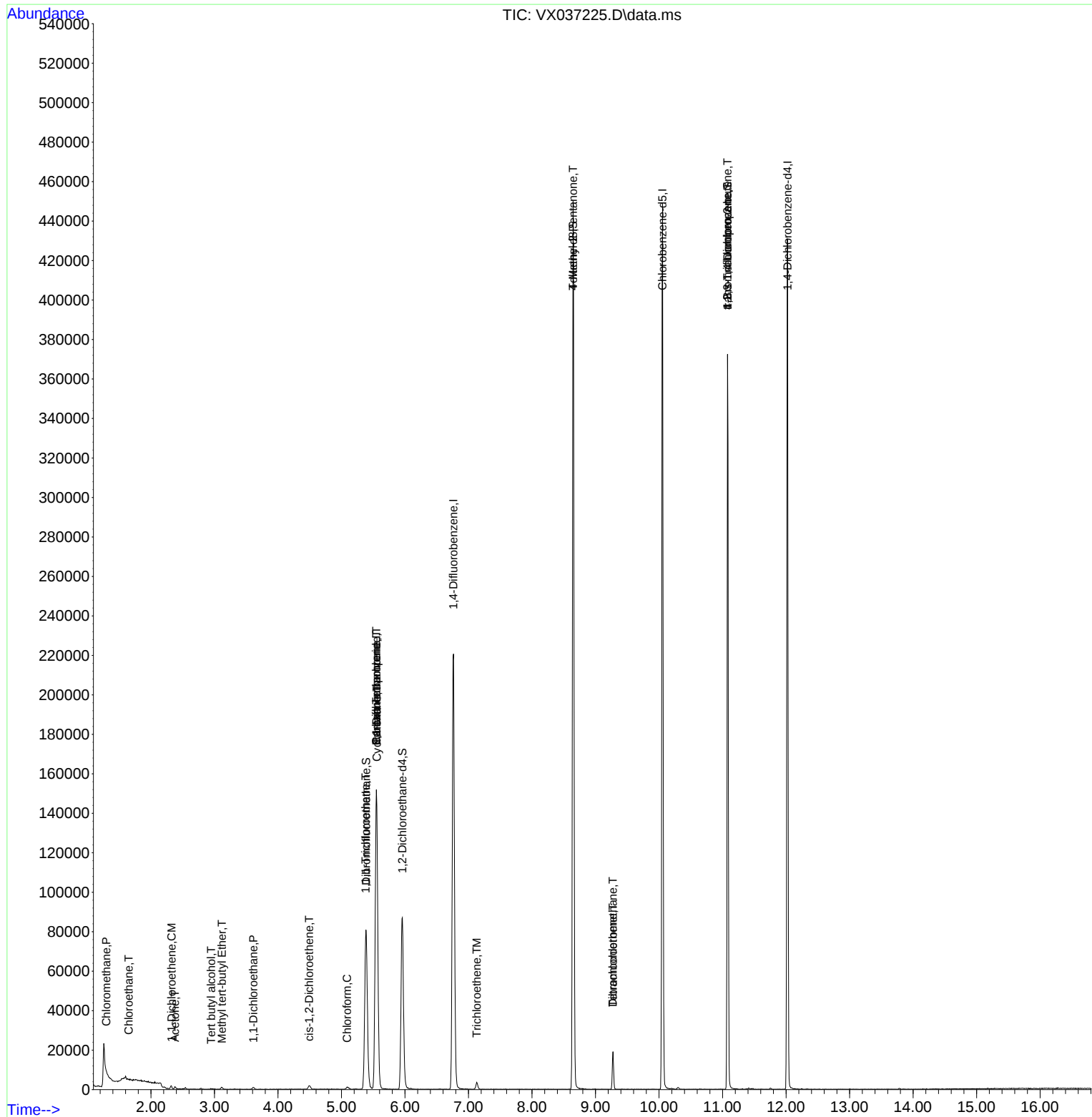
Internal Standards						
1) Pentafluorobenzene	5.550	168	140249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88637	43.838	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.680%
35) Dibromofluoromethane	5.385	113	71482	46.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	272258	48.810	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	101436	46.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	522	0.366	ug/l #	87
6) Chloroethane	1.648	64	4400	4.820	ug/l #	51
11) Tert butyl alcohol	2.946	59	132	0.278	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	562	0.389	ug/l #	67
16) Acetone	2.379	43	1264	1.598	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	1109	0.203	ug/l #	81
24) 1,1-Dichloroethane	3.611	63	1399	0.487	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	1186	0.613	ug/l	83
30) Chloroform	5.086	83	1442	0.447	ug/l #	71
31) Cyclohexane	5.556	56	2720	1.196	ug/l #	1
32) 1,1,1-Trichloroethane	5.379	97	686	0.237	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	11402	5.219	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15153	6.385	ug/l #	15
44) Trichloroethene	7.129	130	1446	0.814	ug/l	82
51) 4-Methyl-2-Pentanone	8.647	43	1074	0.499	ug/l #	1
60) Dibromochloromethane	9.275	129	3603	2.007	ug/l #	11
64) Tetrachloroethene	9.275	164	3469	2.289	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	51973	26.556	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51973	74.172	ug/l #	5

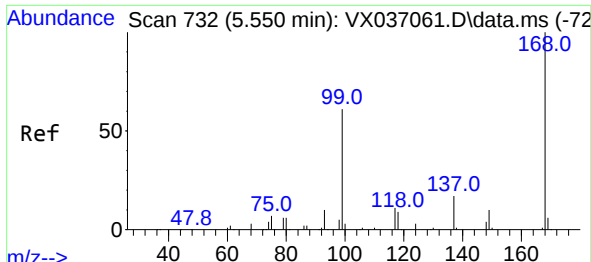
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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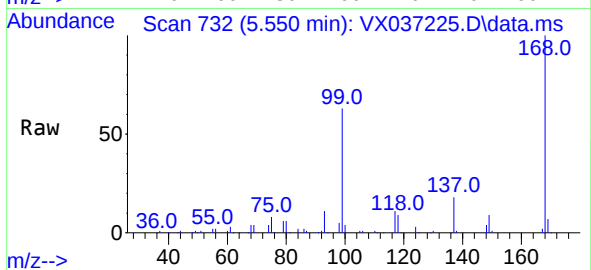
Quant Time: Aug 24 23:40:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



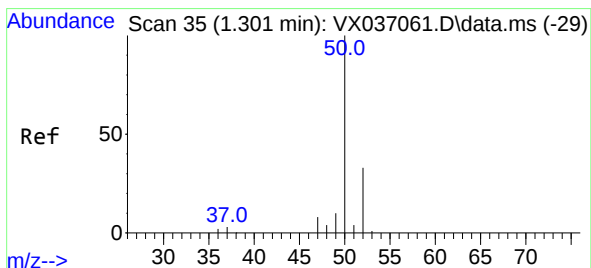
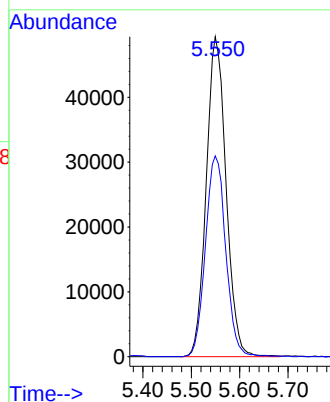


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Instrument :
MSVOA_X
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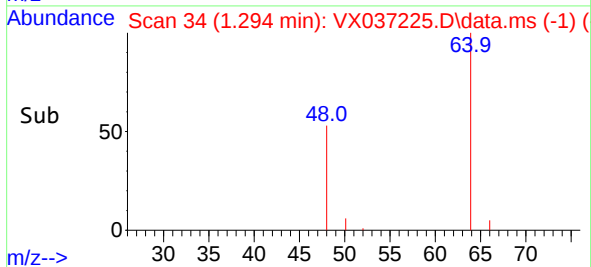
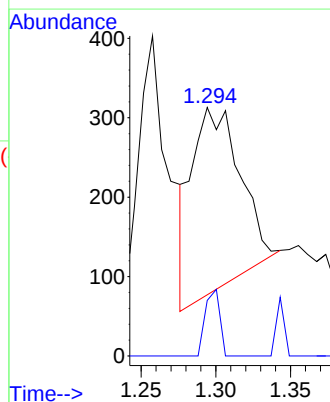
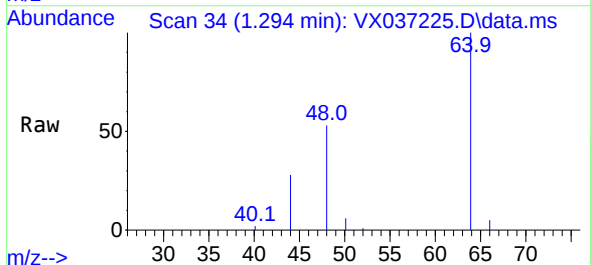


Tgt Ion:168 Resp: 140249
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0

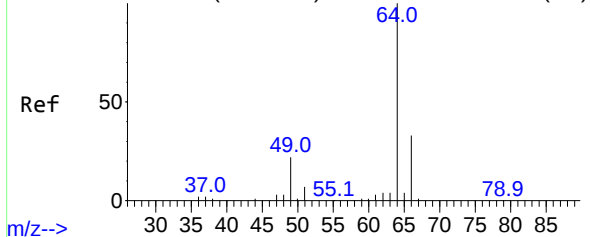


#3
Chloromethane
Concen: 0.366 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 38.9 25.5 38.3#



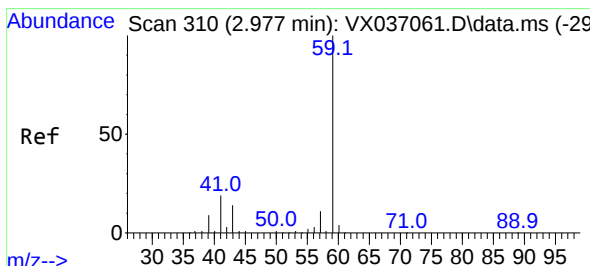
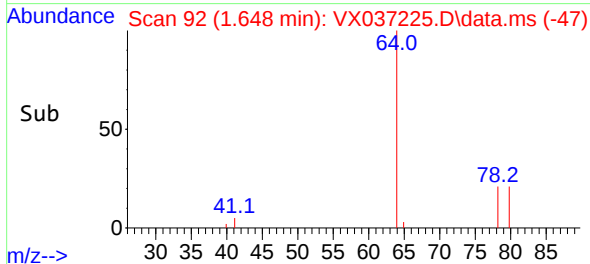
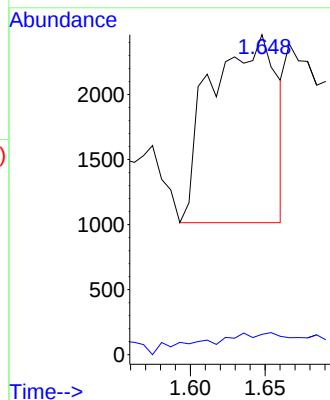
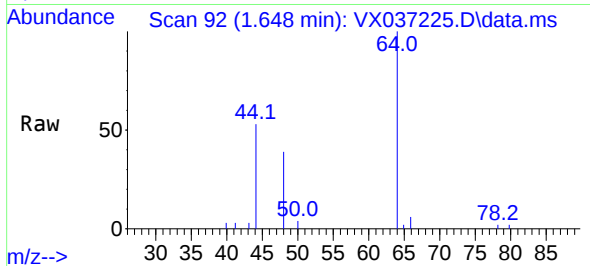
Abundance Scan 96 (1.672 min): VX037061.D\data.ms (-90)



#6
Chloroethane
Concen: 4.820 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

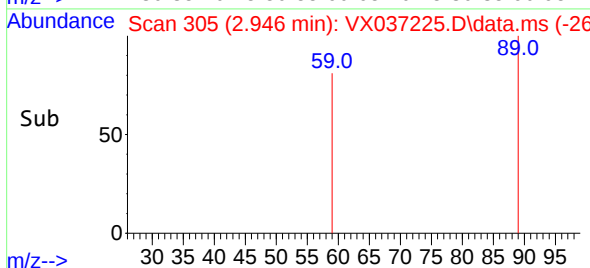
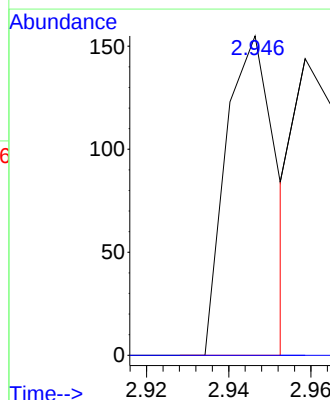
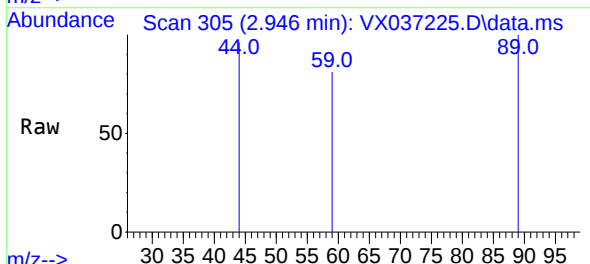
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

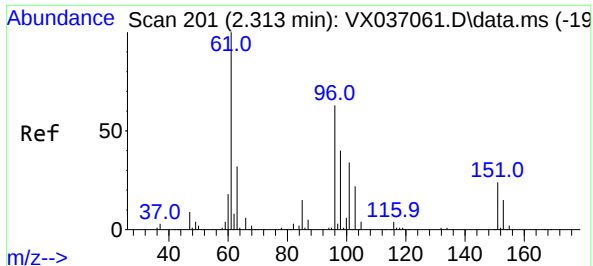
Tgt Ion: 64 Resp: 4400
Ion Ratio Lower Upper
64 100
66 4.2 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.278 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.389 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX037225.D

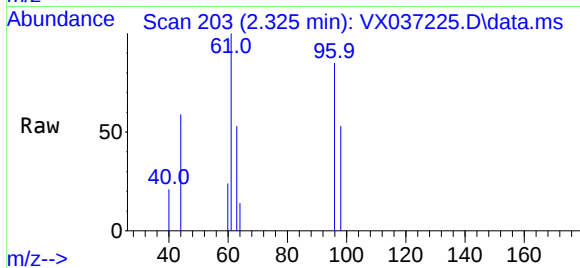
Acq: 24 Aug 2023 18:43

Instrument :

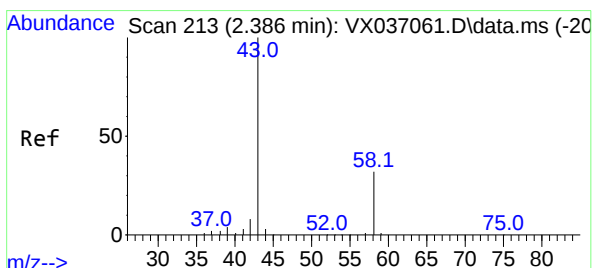
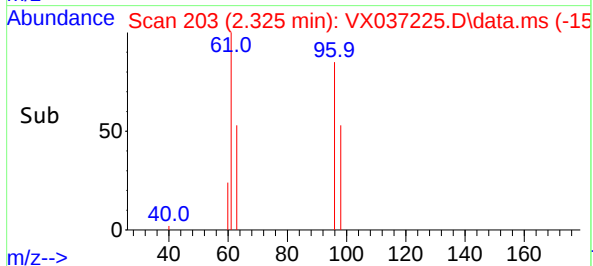
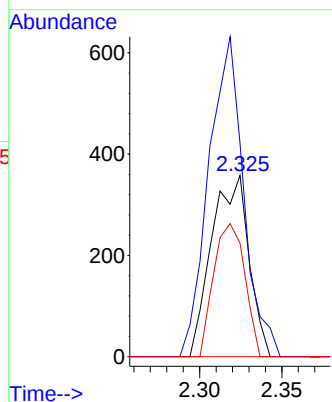
MSVOA_X

ClientSampleId :

MW181S-20230816



Tgt Ion:	96	Resp:	562
Ion	Ratio	Lower	Upper
96	100		
61	117.6	144.6	216.8#
98	62.6	50.4	75.6



#16

Acetone

Concen: 1.598 ug/l

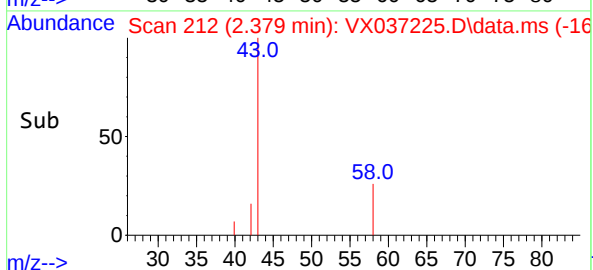
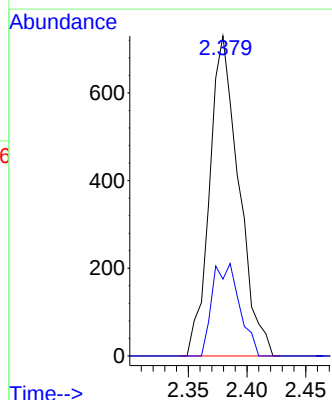
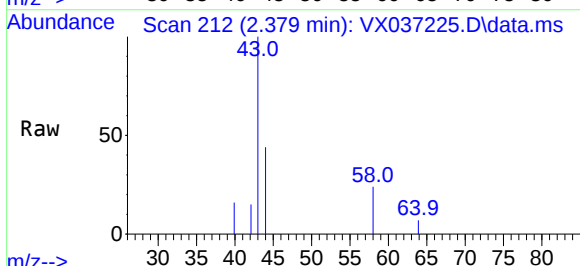
RT: 2.379 min Scan# 212

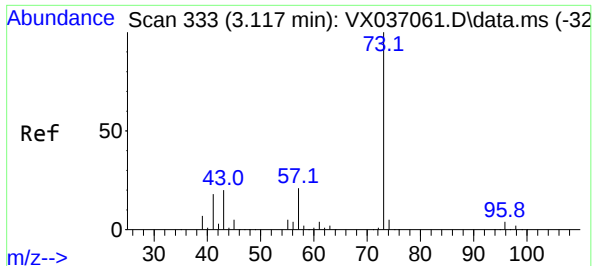
Delta R.T. -0.006 min

Lab File: VX037225.D

Acq: 24 Aug 2023 18:43

Tgt Ion:	43	Resp:	1264
Ion	Ratio	Lower	Upper
43	100		
58	24.0	21.9	32.9

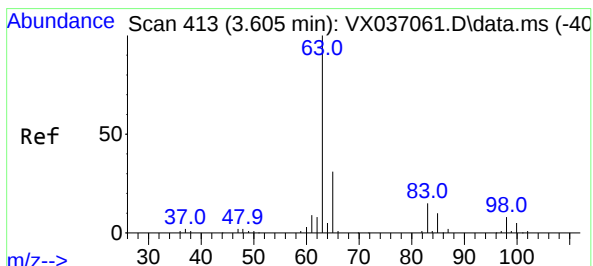
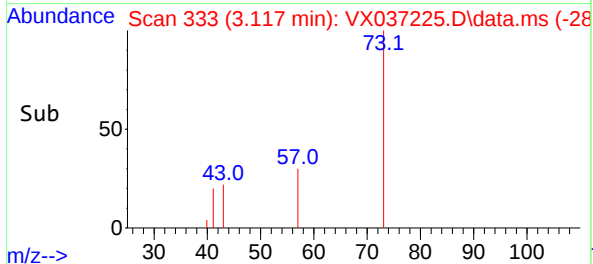
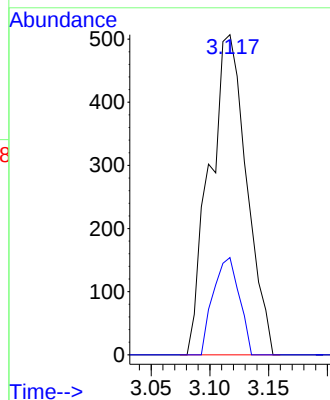
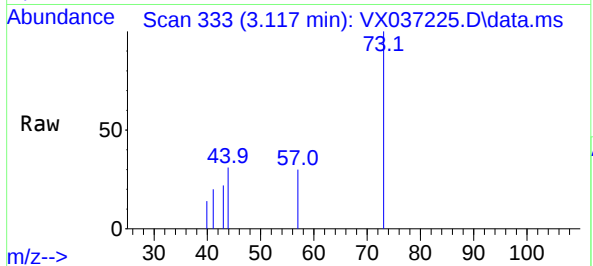




#19
Methyl tert-butyl Ether
Concen: 0.203 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

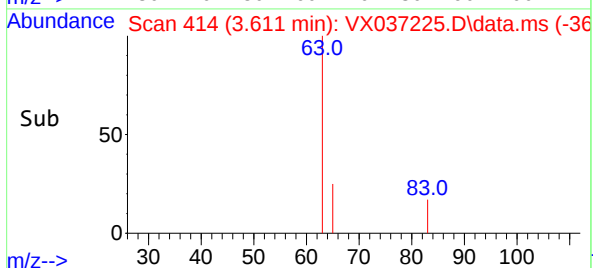
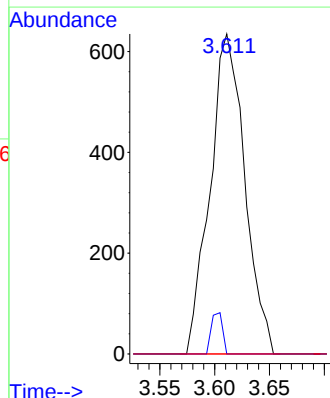
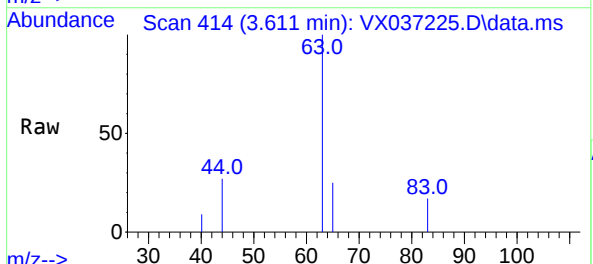
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

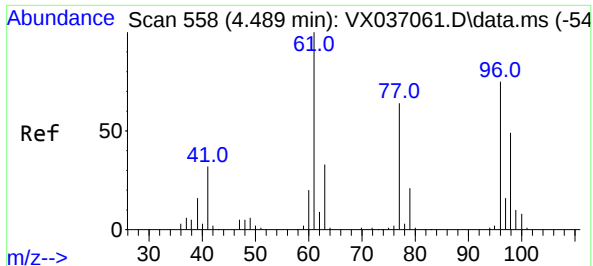
Tgt Ion: 73 Resp: 1109
Ion Ratio Lower Upper
73 100
57 30.4 17.3 25.9#



#24
1,1-Dichloroethane
Concen: 0.487 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 63 Resp: 1399
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

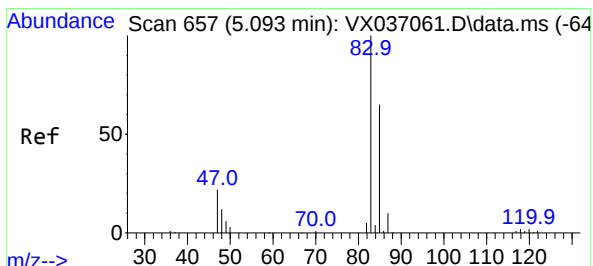
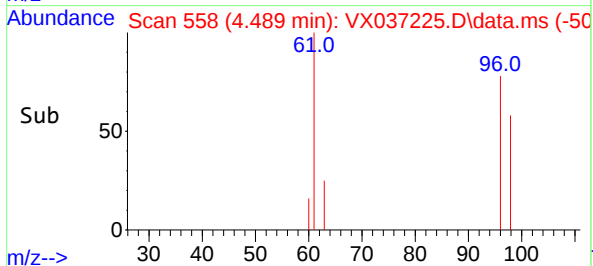
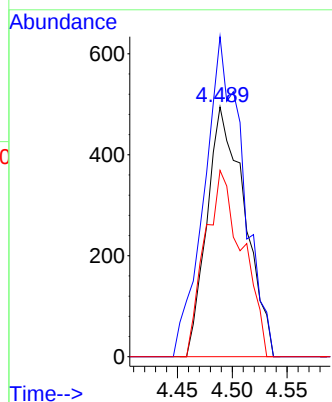
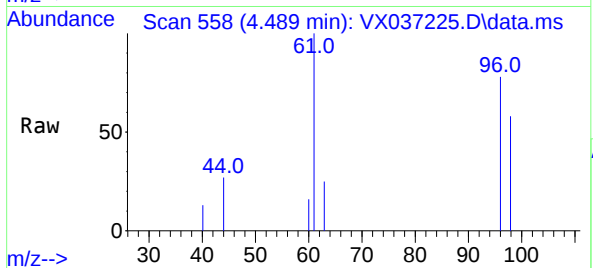




#27
cis-1,2-Dichloroethene
Concen: 0.613 ug/l
RT: 4.489 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

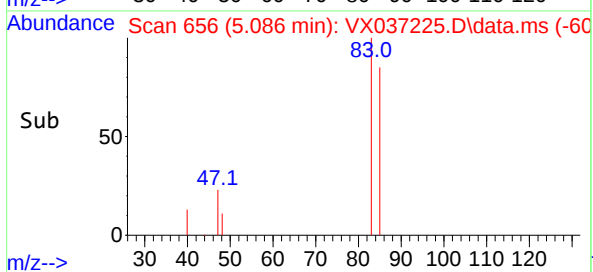
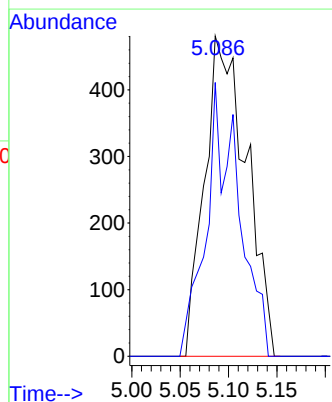
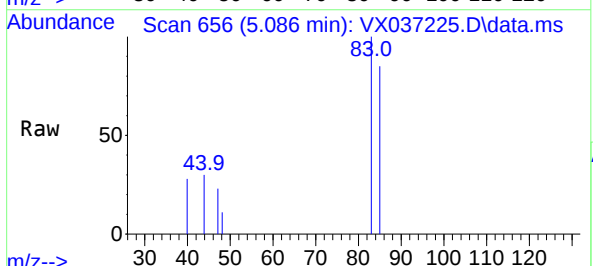
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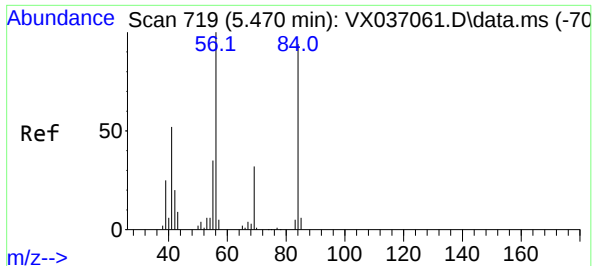
Tgt Ion: 96 Resp: 1186
Ion Ratio Lower Upper
96 100
61 131.2 0.0 312.2
98 74.0 0.0 129.0



#30
Chloroform
Concen: 0.447 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 83 Resp: 1442
Ion Ratio Lower Upper
83 100
85 85.4 50.3 75.5#

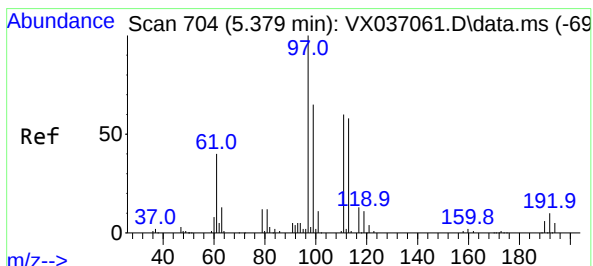
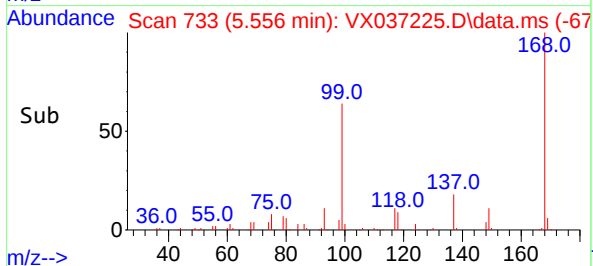
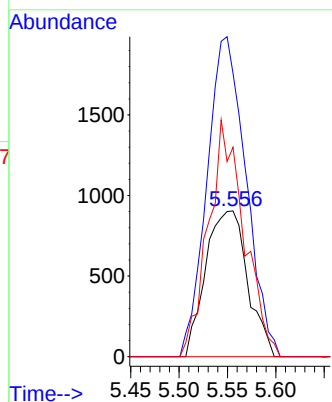
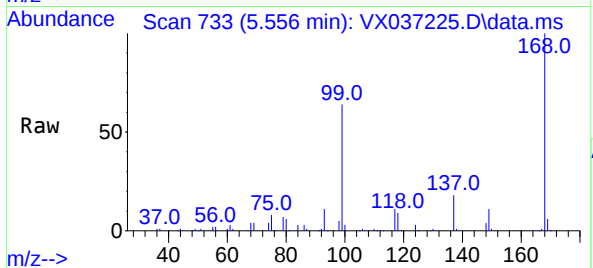




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

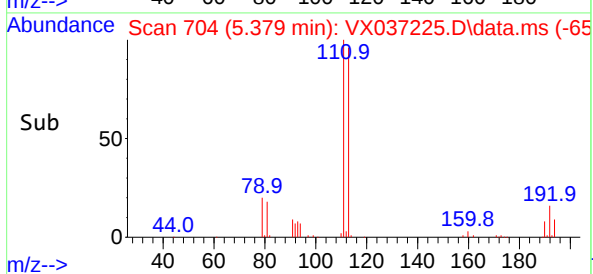
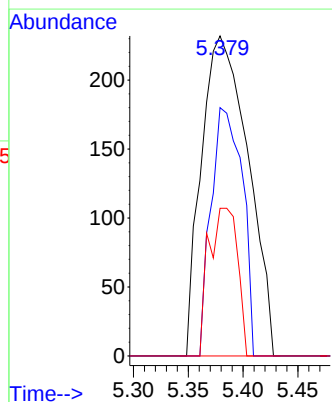
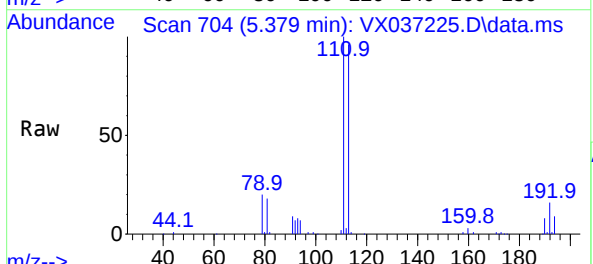
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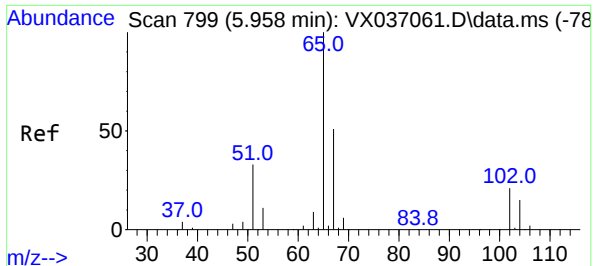
Tgt Ion: 56 Resp: 2720
Ion Ratio Lower Upper
56 100
69 194.7 23.4 35.2#
84 143.8 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.237 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 97 Resp: 686
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 28.4 36.4 54.6#

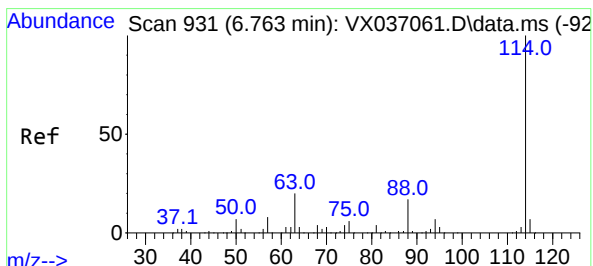
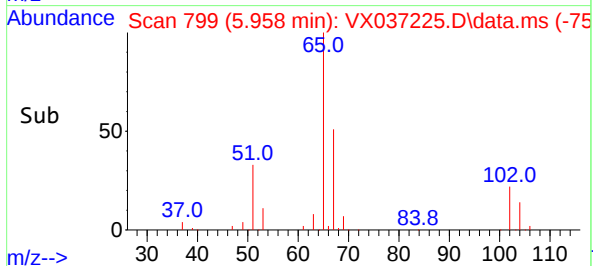
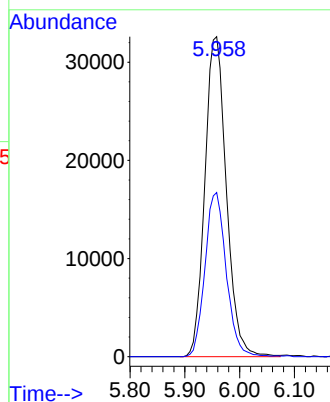
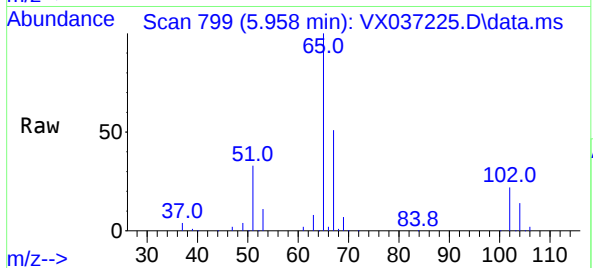




#33
1,2-Dichloroethane-d4
Concen: 43.838 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

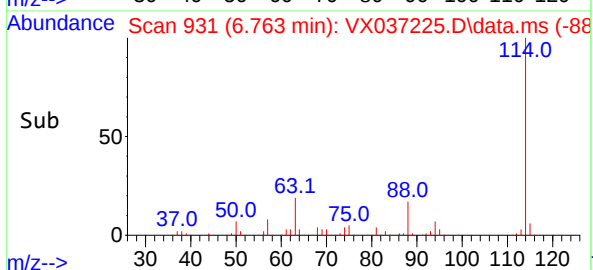
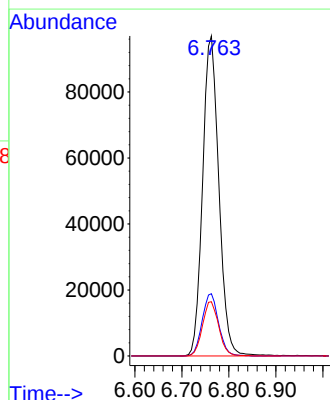
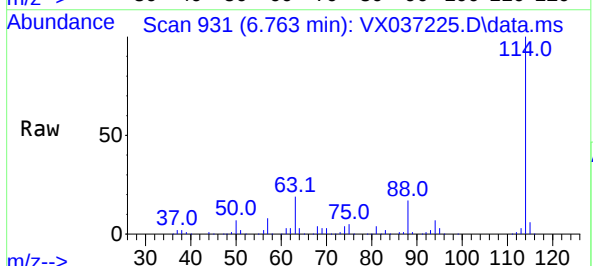
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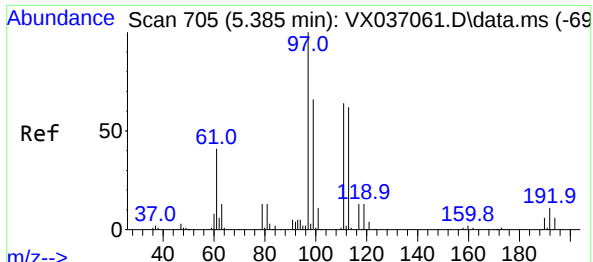
Tgt Ion: 65 Resp: 88637
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 114 Resp: 232188
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 17.0 0.0 36.6

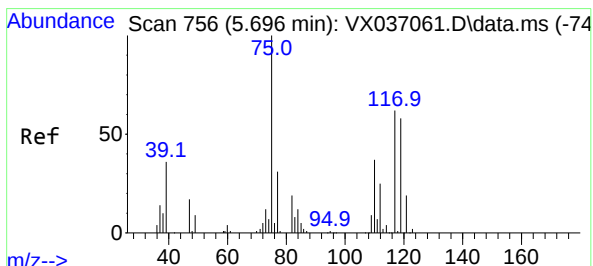
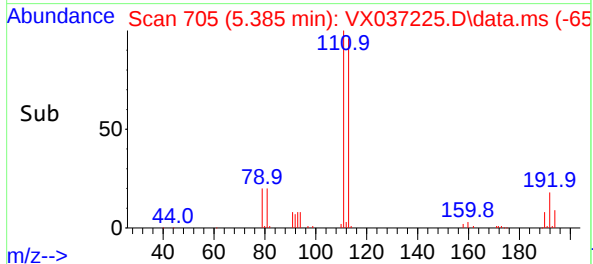
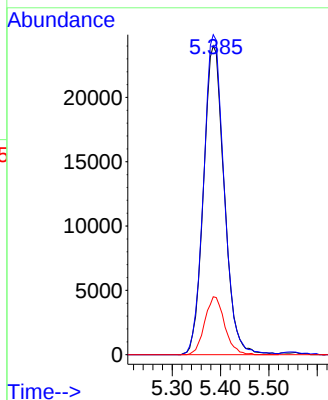
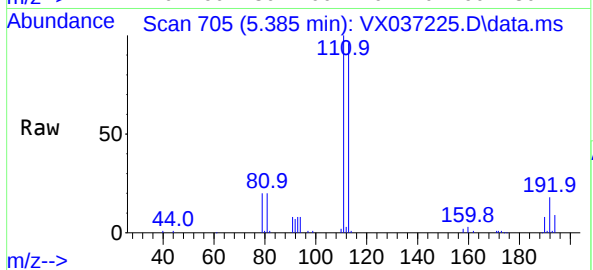




#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

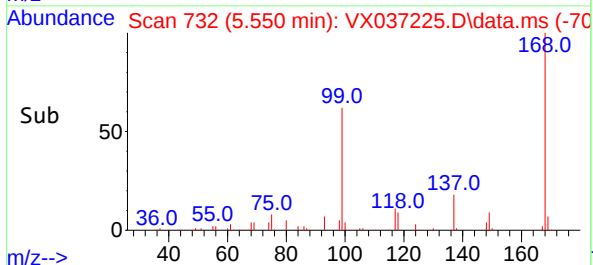
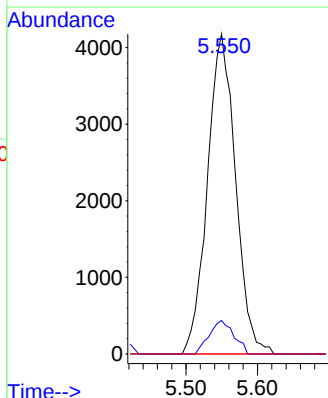
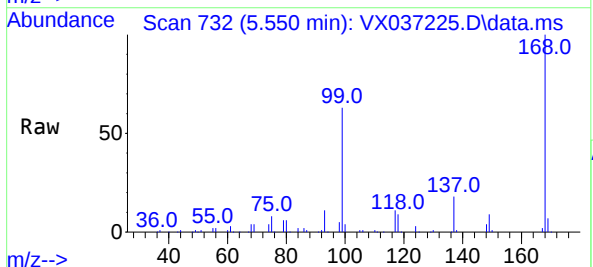
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

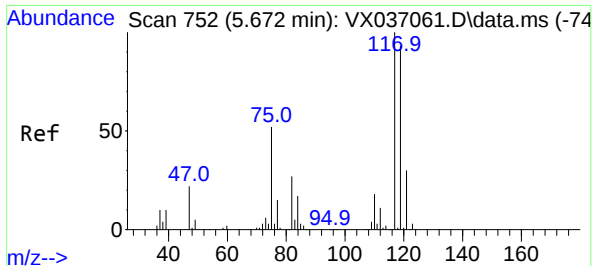
Tgt Ion:	113	Resp:	71482
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	18.0	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.219 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

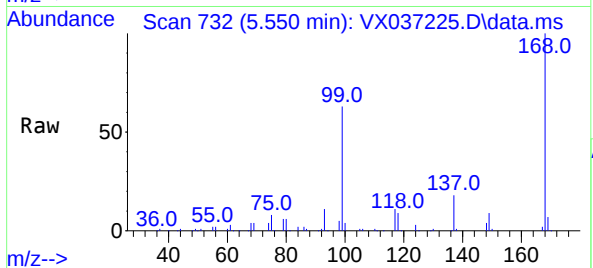
Tgt Ion:	75	Resp:	11402
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	24.7	37.1#



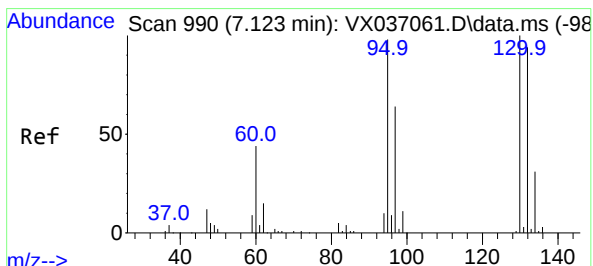
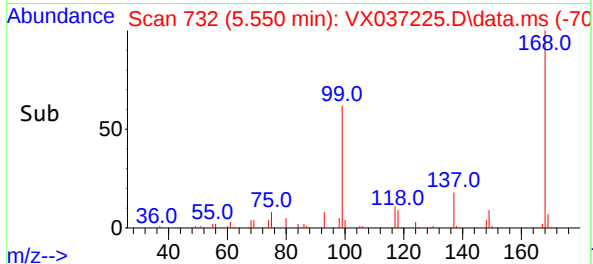
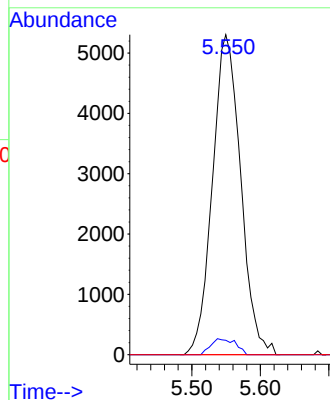


#38
Carbon Tetrachloride
Concen: 6.385 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

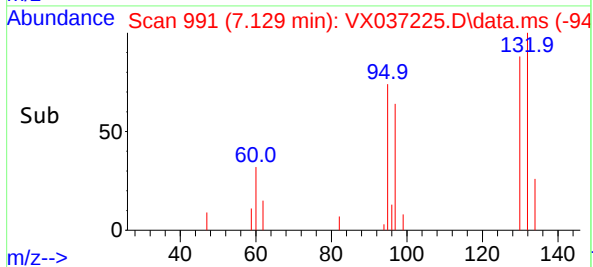
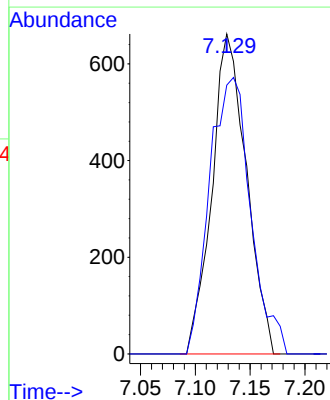
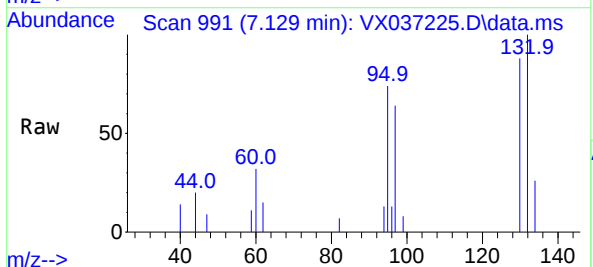


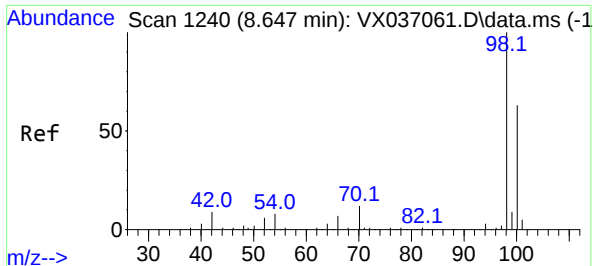
Tgt Ion:117 Resp: 15153
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.814 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion:130 Resp: 1446
Ion Ratio Lower Upper
130 100
95 84.0 0.0 204.4

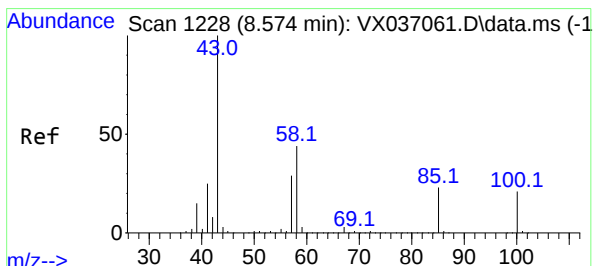
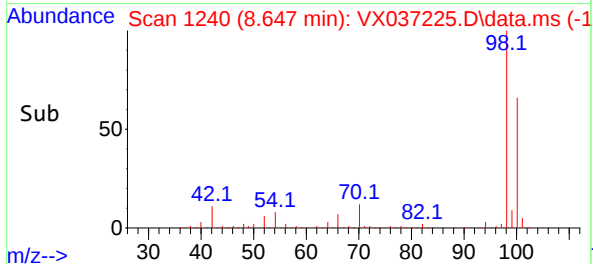
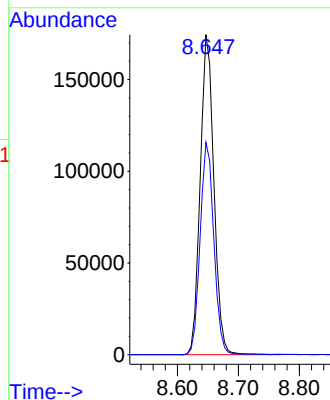
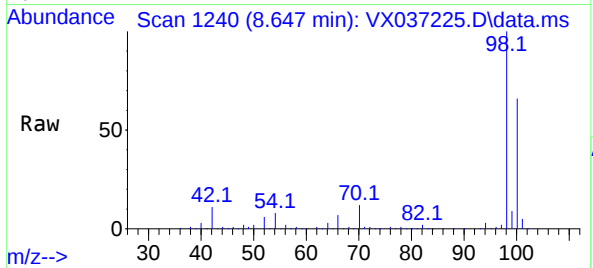




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

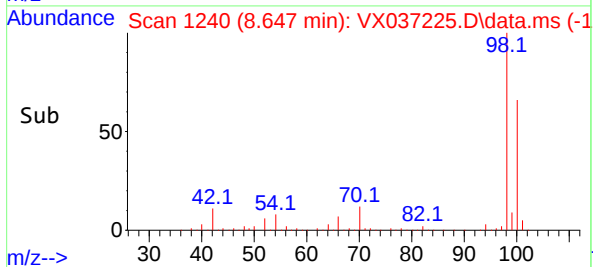
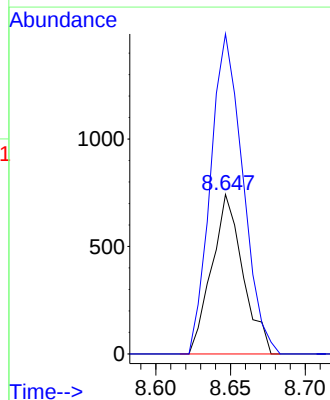
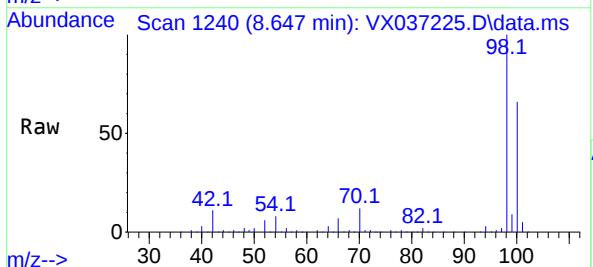
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

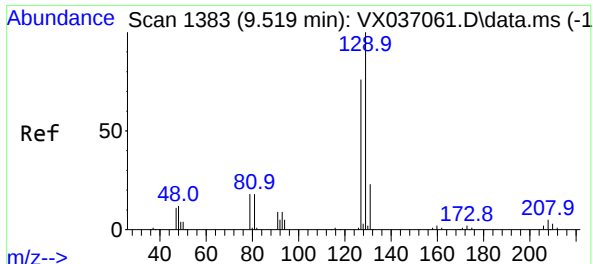
Tgt Ion: 98 Resp: 272258
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 208.4 30.4 45.6#

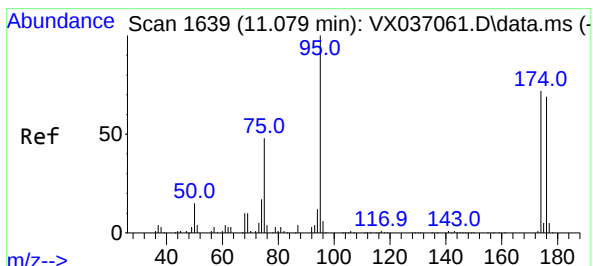
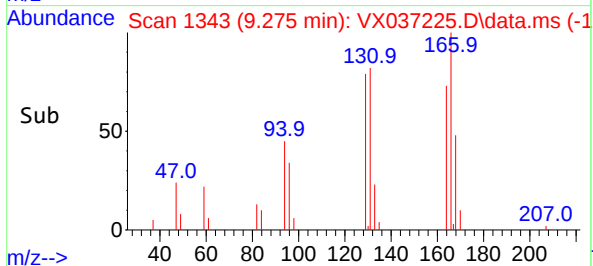
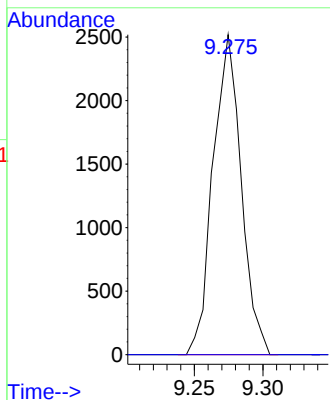
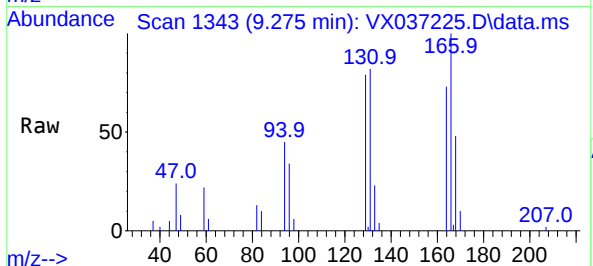




#60
Dibromochloromethane
Concen: 2.007 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

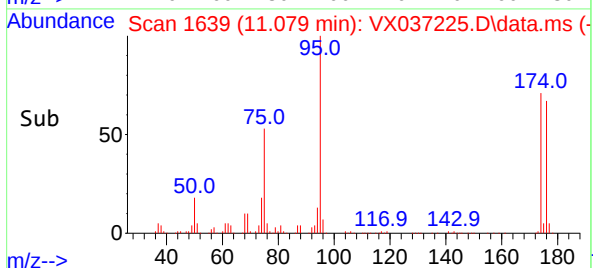
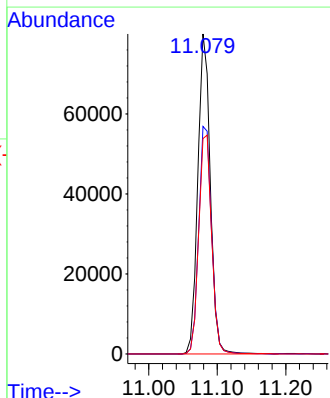
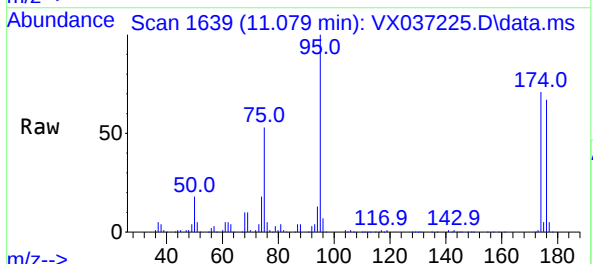
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

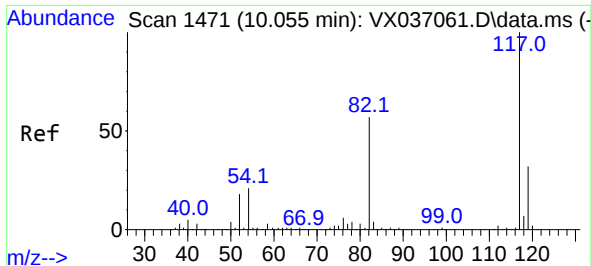
Tgt Ion:129 Resp: 3603
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 95 Resp: 101436
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.0 0.0 131.0

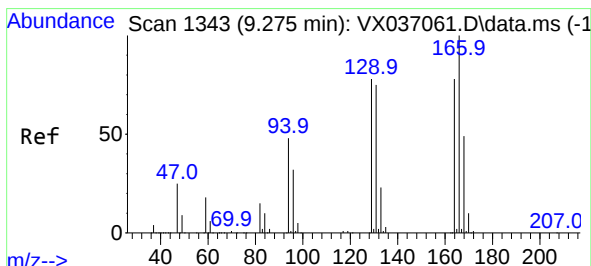
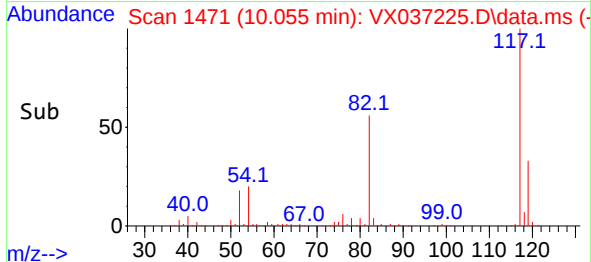
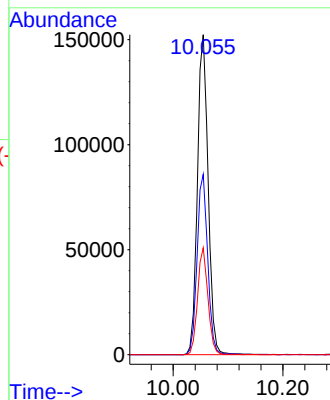
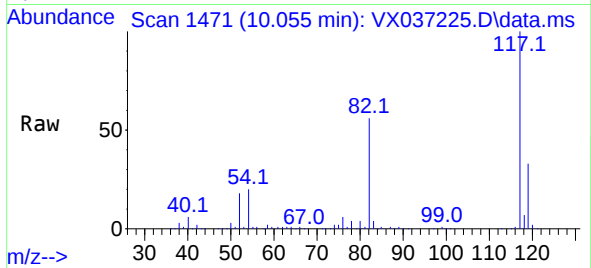




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

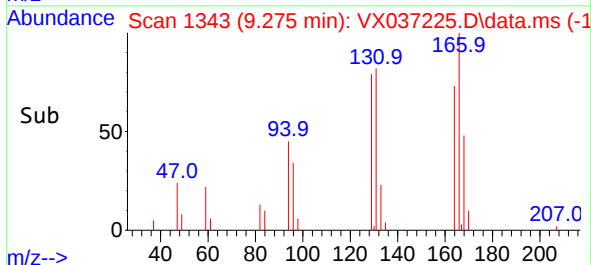
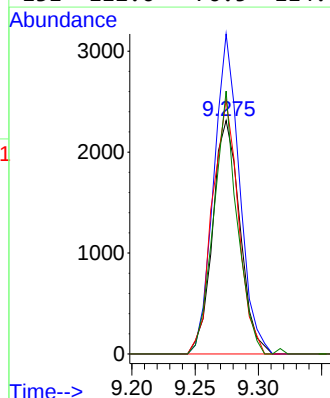
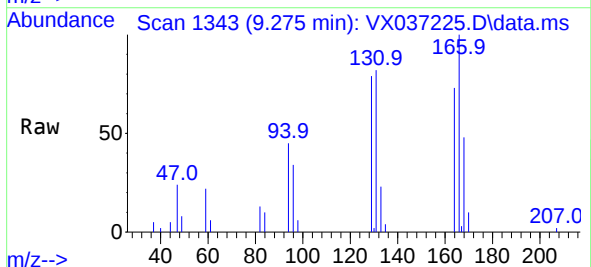
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

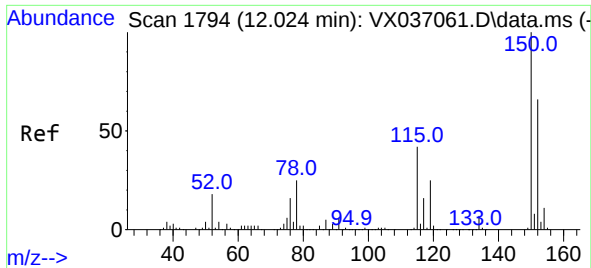
Tgt Ion:117 Resp: 207768
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 33.4 25.5 38.3



#64
Tetrachloroethene
Concen: 2.289 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion:164 Resp: 3469
Ion Ratio Lower Upper
164 100
166 137.0 102.7 154.1
129 108.9 80.4 120.6
131 112.6 76.5 114.7

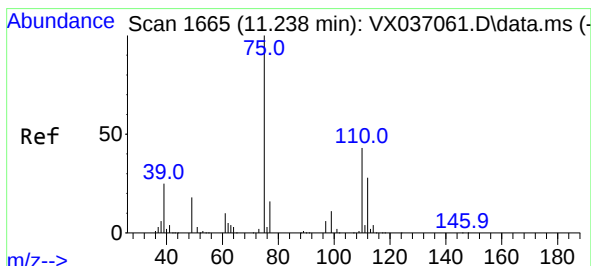
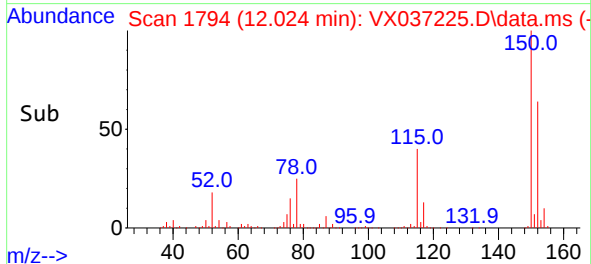
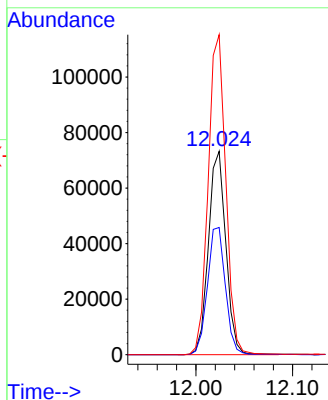
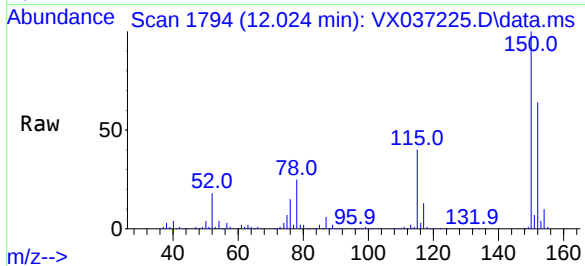




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

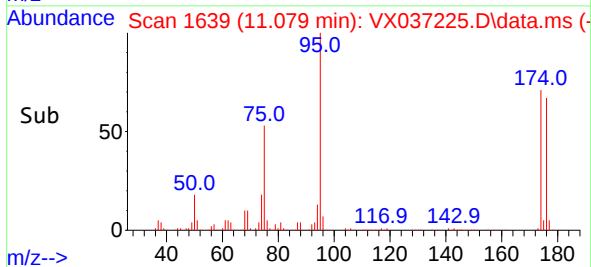
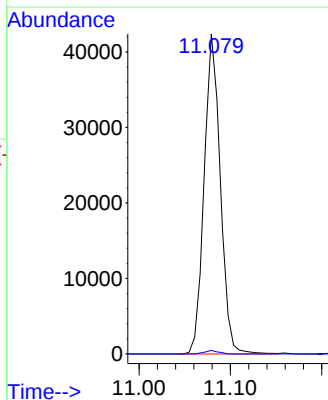
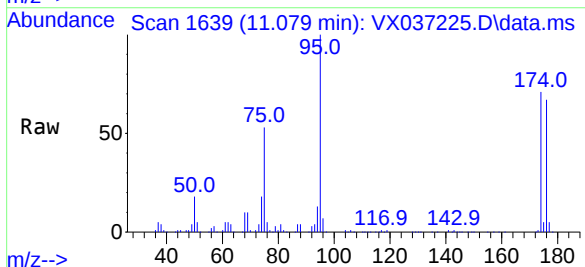
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

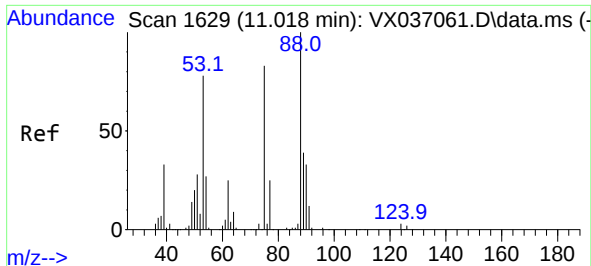
Tgt Ion:152 Resp: 91897
Ion Ratio Lower Upper
152 100
115 64.7 43.3 129.9
150 159.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

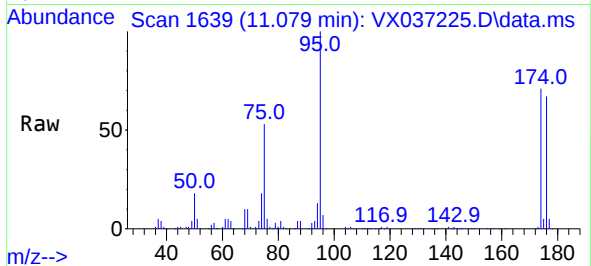
Tgt Ion: 75 Resp: 51973
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.172 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX037225.D
 Acq: 24 Aug 2023 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20230816



Tgt Ion: 75 Resp: 51973
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

